

CLAIMS

I claim:

1. (Currently Amended) Instrument for plasma coagulation comprising
a tubular probe body with a tube wall defining a lumen through which an inert gas is
5 conducted through the probe body,
an ignition electrode located within the lumen in the region of an outlet defined by
the said probe body,
a current conductor adapted to supply a coagulation current to the said ignition
electrode, and
10 a fixing device fixing the said ignition electrode in a predetermined position within
the said probe body, and comprising a flat body with longitudinal edges by means of which said flat
body is attached to the said tube wall such that said flat body extends substantially diametrically
across the said lumen, and to which the ignition electrode is attached.
2. (Currently Amended) Instrument according to Claim 1, wherein the said current
15 conductor is integrally connected to the said ignition electrode.
3. (Currently Amended) Instrument according to Claim 1, wherein the said current
conductor is connected to the ignition electrode by means of the said flat body.
4. (Currently Amended) Instrument according to Claim 1, wherein at least one of the
said ignition electrode and the said current conductor is welded to the said flat body.
- 20 5. (Currently Amended) Instrument according to Claim 4, wherein said welded
attachment is punctate and formed by resistance welding.
6. (Currently Amended) Instrument according to claim 1, wherein a tubule that is
made of a high-temperature-resistant material is inserted into the said lumen in the region of said
outlet and wherein said flat body is disposed at an end of the tubule and faces away from the said
25 outlet.
7. (Currently Amended) Instrument according to Claim 6, wherein said flat body
comprises a flat edge and abuts the said tubule by means of sections of said flat edge.
8. (Currently Amended) Instrument according to claim 1, wherein said flat body
comprises a flat edge that defines a concave cutout which faces toward the said outlet.